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<b>DOCKET</b> <b>08-AFC-1</b>	
DATE	AUG 25 2008
RECD.	AUG 26 2008

August 25, 2008

Ms. Michelle Woods  
Project Manager  
c/o Dockets Unit, 4<sup>th</sup> Floor  
California Energy Commission  
1516 Ninth Street  
Sacramento, CA 95814-5512

Ref: Additional Traffic Mitigation Details for Avenal Energy (08-AFC-1)

Dear Ms. Woods:

On behalf of Avenal Power Center, LLC, attached is a copy of an August 22, 2008 memorandum from TPG Consulting, Inc. to TRC. The memorandum summarizes a telephone conversation with Jim Adams regarding the AFC traffic analysis for the Avenal Energy project.

If you have any questions, please call me at the phone number in the letterhead, or Jim Rexroad at (713) 275-6147.

Sincerely,

A handwritten signature in black ink, reading "Joseph L. Stenger".

Joseph L. Stenger, PG, REA  
Project Director

Attachment:

Proof of Service

cc. Jim Rexroad, Avenal Power Center, LLC  
Jim Adams, CEC  
Proof of Service

# Memorandum

**To:** Joe Stenger  
**From:** Ruth Davis  
**Date:** 8/22/2008  
**Re:** Avenal Energy AFC – SR 198 EB Ramps at Avenal Cutoff Road

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As we discussed earlier, I talked with Jim Adams from the CEC today regarding the impacts and potential mitigation for Avenal Energy construction traffic at the SR 198 eastbound (EB) ramps at Avenal Cutoff (ACO) Road. I explained to Mr. Adams that Caltrans endeavors to maintain a target level of service (LOS) at the transition between LOS C and LOS D, and that per the Caltrans Guide to Traffic Impact Studies, if an existing State highway facility is operating at less than the appropriate target LOS, the existing measure of effectiveness should be maintained. As shown in AFC Table 6.11-4A, the SR 198 EB Ramps at the ACO Road intersection shows an Existing LOS D for the EB approach during the Construction Shift 2 PM peak hour time period. This is below the Caltrans LOS C/D threshold. By 2011 the EB approach is projected to operate at a LOS D during the Construction Shift 1 and 2 PM peak hour time periods without the Project, and with addition of the Project construction workers at their peak manpower projections, the Construction Shift 1 and 2 PM peak hour time periods are projected to operate at a LOS F, which is below the 2011 No Project LOS D, and below the Caltrans LOS C/D threshold.

In order to remedy this construction impact to the vehicles using the SR 198 EB ramps at ACO Road EB approach, the Avenal AFC states that the Applicant will provide a traffic monitor for this intersection during the Construction Shift 1 and 2 traffic periods. TPG has discussed this plan with Caltrans, Kings County and the CHP and all concur that it will be acceptable. Caltrans has also proposed that in lieu of the traffic monitor, a trailer mounted camera activated temporary signal could be implemented during the same two (2) time periods. Either the monitor or the temporary signal would only need to be in place for as long as the Construction Shift 1 or 2 intersection level of service operates both below the C/D threshold and below the No Project LOS.

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**BEFORE THE ENERGY RESOURCES CONSERVATION AND DEVELOPMENT  
COMMISSION OF THE STATE OF CALIFORNIA  
1516 NINTH STREET, SACRAMENTO, CA 95814  
1-800-822-6228 – WWW.ENERGY.CA.GOV**

**APPLICATION FOR CERTIFICATION  
For the AVENAL ENERGY PROJECT**

**Docket No. 08-AFC-1  
PROOF OF SERVICE  
(revised 7/31//2008)**

**INSTRUCTIONS:** All parties shall either (1) send an original signed document plus 12 copies or (2) mail one original signed copy **AND** e-mail the document to the address for the Docket as shown below, **AND** (3) all parties shall also send a printed or electronic copy of the document, which includes a proof of service declaration to each of the individuals on the proof of service list shown below:

CALIFORNIA ENERGY COMMISSION  
Attn: Docket No. 07-AFC-9  
1516 Ninth Street, MS-15  
Sacramento, CA 95814-5512  
[docket@energy.state.ca.us](mailto:docket@energy.state.ca.us)

**APPLICANT**

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**INTERESTED AGENCIES**

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Arthur Rosenfeld  
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**DECLARATION OF SERVICE**

I, Joshua Taylor, Declare that on August 25, 2008, I transmitted copies of the attached additional traffic mitigation details for the Avenal Energy Project (08-AFC-1), pursuant to CEC staff request, via electronic mail to those individuals identified on the Proof of Service list above.

I declare under penalty of perjury that the foregoing is true and correct.

  
Joshua D. Taylor